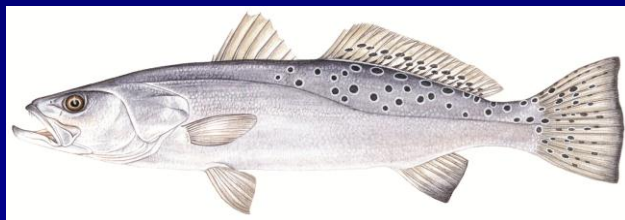


Seafood Consumption Advisory Education Campaign



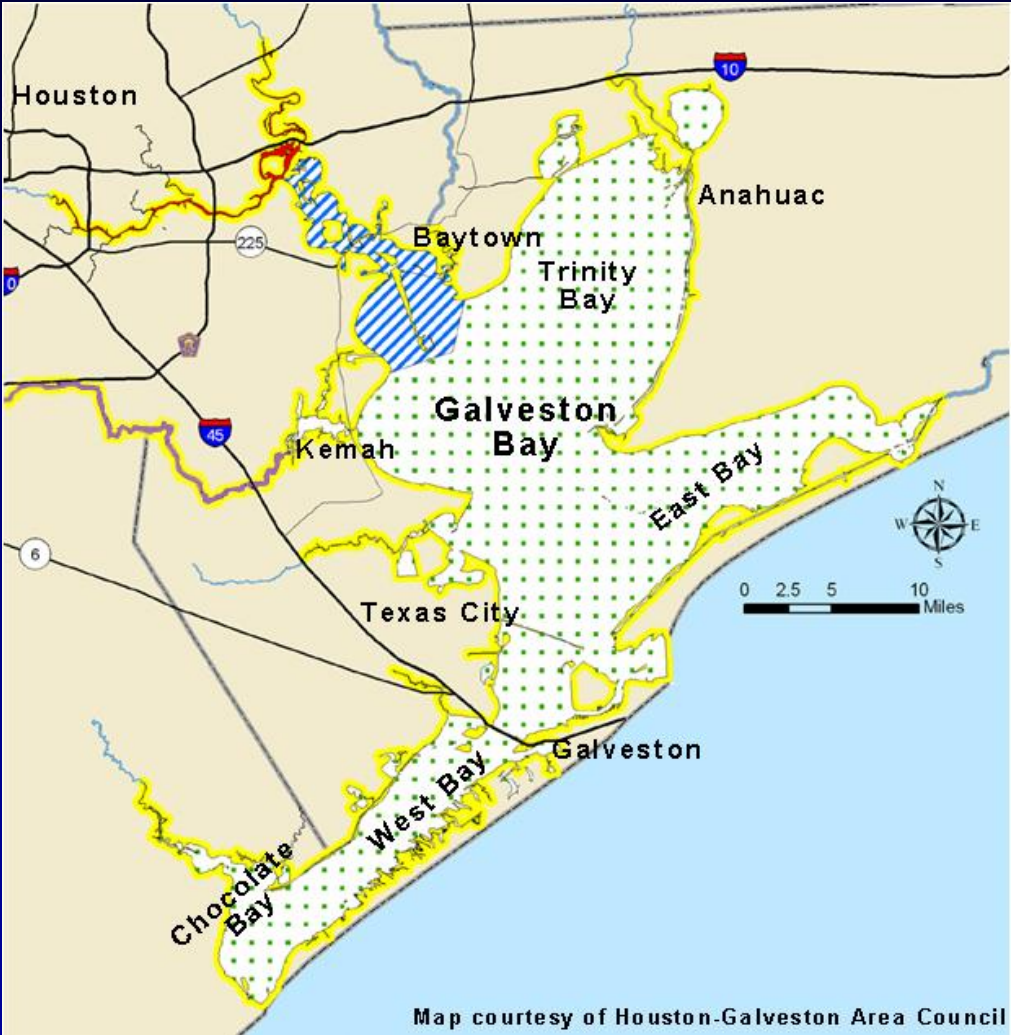
Scott Jones
Environmental Policy and Outreach Specialist
Galveston Bay Foundation

State Health Department Advisories in Houston Ship Channel, San Jacinto River, and Galveston Bay



1. ADV-3 (1990): HSC/San Jacinto River downstream of Hwy. 90 and Upper Galveston Bay north of a line from Red Bluff Pt. to Five Mile Cut Marker to Houston Pt. due to dioxin in blue crabs and catfish.
2. ADV-20 (2001): HSC upstream of Lynchburg Ferry and San Jacinto River downstream of Hwy. 90 bridge due to dioxin, organochlorine pesticides, and PCBs in all species of fish.
3. ADV-28 (2005): HSC/San Jacinto River downstream of Hwy. 90 and Upper Galveston Bay north of a line from Red Bluff Pt. to Five Mile Cut Marker to Houston Pt. due to PCBs in spotted seatrout.
4. ADV-35 (2008): Galveston Bay due to dioxin and PCBs in spotted seatrout and catfish.

Resulting Advisory Areas



Area

The Houston Ship Channel and all contiguous waters upstream of Lynchburg Ferry, including the San Jacinto River below the U.S. Highway 90 bridge.

Species Affected

All species of fish and blue crab.

Pollutants

Dioxin in blue crab and catfish. Organochlorine pesticides and PCBs in all species of fish.



The Houston Ship Channel and all contiguous waters downstream of Lynchburg Ferry and Upper Galveston Bay north of a line from Red Bluff Point to Five Mile Cut Marker to Houston Point.

All catfish species, spotted seatrout, and blue crab.

Dioxin in blue crab. Dioxin and PCBs in catfish and spotted seatrout.



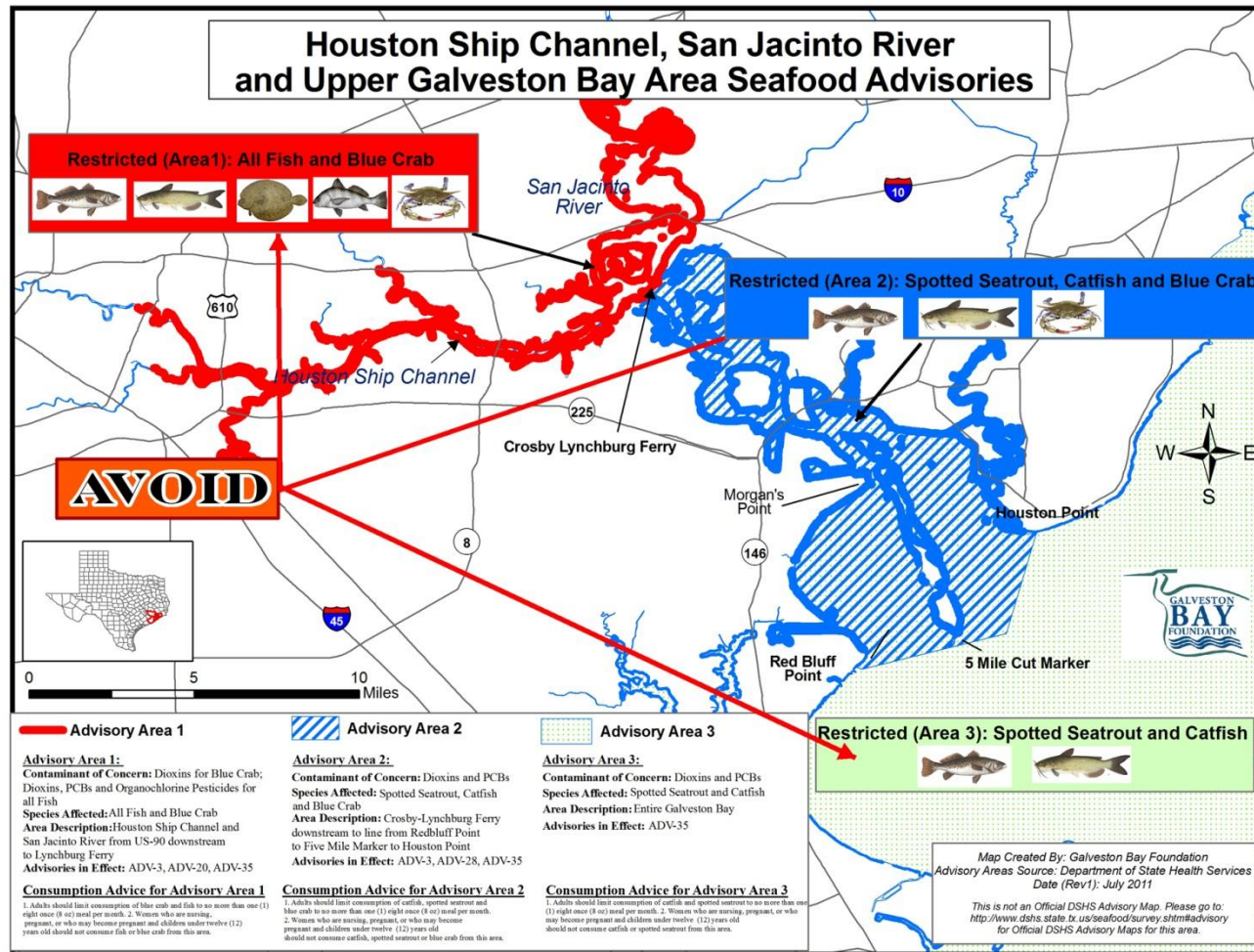
Galveston Bay system, including Chocolate Bay, East Bay, West Bay, Trinity Bay, and contiguous waters.

All catfish species and spotted seatrout.

Dioxin and PCBs.

Map courtesy of Houston-Galveston Area Council

Houston Ship Channel/San Jacinto River River/Upper Galveston Bay Area



Advice You Should Follow in These Three Areas



In each of these three areas for the species listed, the following advice should be followed to decrease risks to human health:

Adults - DO NOT EAT MORE THAN 8 OUNCES PER MONTH OF THE SPECIES LISTED!

Children - DO NOT EAT ANY AMOUNT OF THE SPECIES LISTED!

Women who are nursing, pregnant, or may become pregnant - DO NOT EAT ANY AMOUNT OF THE SPECIES LISTED!

Sign – Upstream of Lynchburg



DANGER!

Seafood Consumption Advisory!

Adults:

**DO NOT EAT MORE THAN 8 OUNCES OF ANY FISH
OR BLUE CRAB PER MONTH!**

*Children and women who are nursing, pregnant,
or may become pregnant:*

DO NOT EAT ANY FISH OR BLUE CRAB!



For more information:

Galveston Bay Foundation
(281) 332-3381

www.galvbay.org/advocacy_seafood.html

Scan this QR code with your smart phone to go to the webpage:



This project in part funded by a grant from the Coastal Coordination Council pursuant to a National Oceanic and Atmospheric Administration Award No. NA10NOS4190207.

Sign – Lynchburg to Upper Galveston Bay



DANGER!

Seafood Consumption Advisory!

Adults:

DO NOT EAT MORE THAN 8 OUNCES OF SPOTTED SEATROUT, CATFISH, OR BLUE CRAB PER MONTH!

*Children and women who are nursing, pregnant,
or may become pregnant:*

**DO NOT EAT ANY SPOTTED SEATROUT, CATFISH,
OR BLUE CRAB!**



For more information:
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Seafood Advisory Brochure

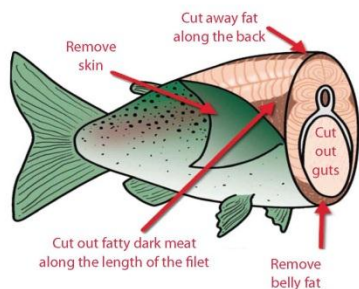


http://www.h-gac.com/community/water/resources/documents/seafood_advisory_brochure.pdf

A Safer Way to Prepare Fish

Dioxin and PCBs are stored mainly in the fat of seafood. You can reduce your exposure to these chemicals by using these techniques:

- From fish, remove the skin, thin layer of fat under the skin, guts, belly fat, fat along the back, and the fatty dark meat along the length of the filet.
- Bake or grill fish. Throw away cooking juices.
- Don't use the whole fish, fat, skin, organs, or juices in soups or stews.
- Don't eat the soft green parts of blue crabs where toxins build up.



DO NOT EAT the skin, fat, and liver of fish and blue crabs from the Houston Ship Channel and Galveston Bay.

You could be exposed to toxic chemicals.

Solving the Problem

In response to the dioxin and PCB problem, the Texas Commission on Environmental Quality (TCEQ) and Houston-Galveston Area Council (H-GAC) initiated a total maximum daily load (TMDL) project in the Houston Ship Channel and Upper Galveston Bay to:

- Pinpoint sources of dioxin and PCBs.
 - Develop an action plan to reduce dioxin.
- The Houston Ship Channel Stakeholders Group is advising the TCEQ and H-GAC on this project. The group includes representatives from government, industrial facilities, agriculture, business, environmental, and community interests in the Houston Ship Channel and Galveston Bay watersheds.

For More Information



www.dshs.state.tx.us/seafood
512-834-6757



http://galvbay.org/advocacy_seafood.html



www.h-gac.com/dioxintmdl



www.tceq.state.tx.us/implementation/water/tmdl/26-houston_group.html

SEAFOOD CAUTION

Fish and Blue Crab SEAFOOD CONSUMPTION ADVISORY



HOUSTON SHIP CHANNEL
AND GALVESTON BAY

GBF Seafood Advisories Webpage



http://galvbay.org/advocacy_seafood.html



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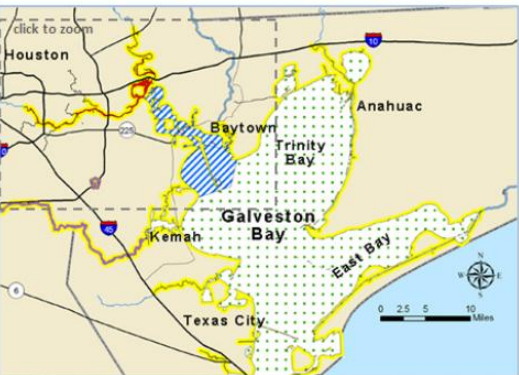
**BECOME A MEMBER/
DONATE ONLINE**

En Español
Advertencia
sobre el Consumo
de Mariscos

While Galveston Bay is an outstanding place to fish, you need to be aware of seafood consumption advisories!

The Texas Department of State Health Services (TDSHS) issues seafood consumption advisories when tests on fish and crabs indicate there is an increased risk to human health from the presence of toxic pollutants.

This map shows the seafood consumption advisories that are currently in place in the Galveston Bay system and its tributaries. There are really four areas, each having its own set of fish



click to zoom

Houston

Anahuac

Baytown

Trinity Bay

Galveston Bay

Kemah

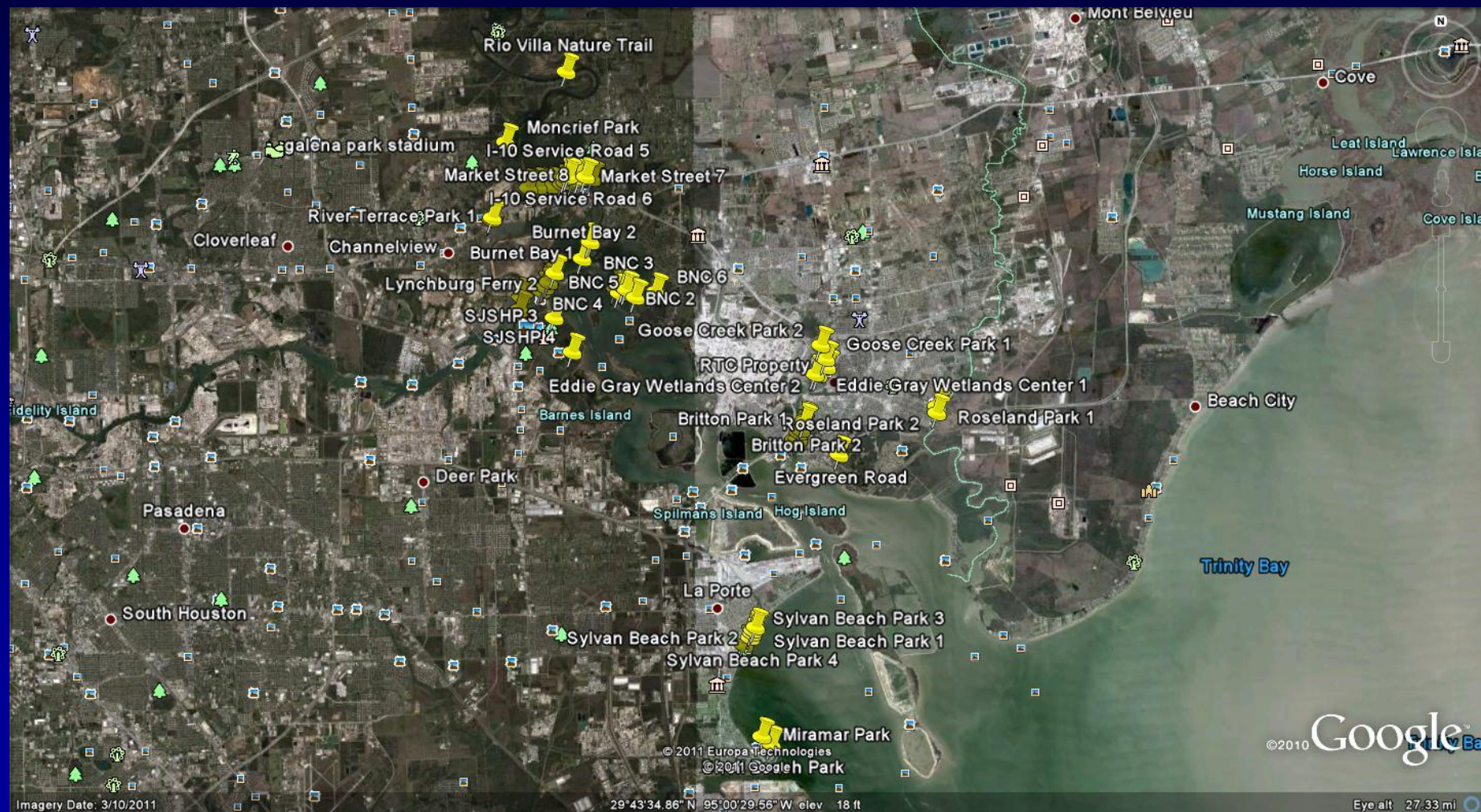
East Bay

Texas City

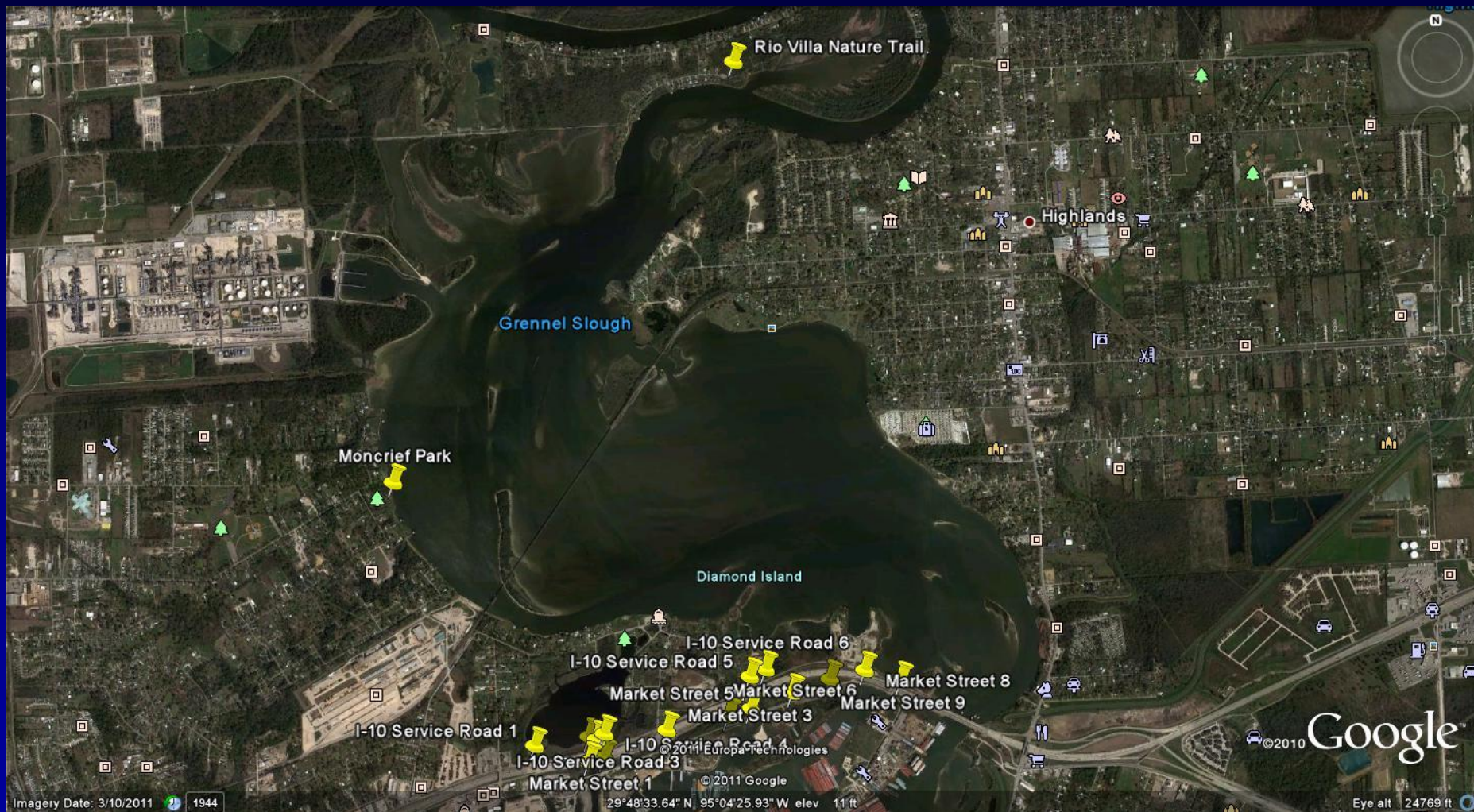
0 2.5 5 10 Miles

4:32 PM
8/16/2011

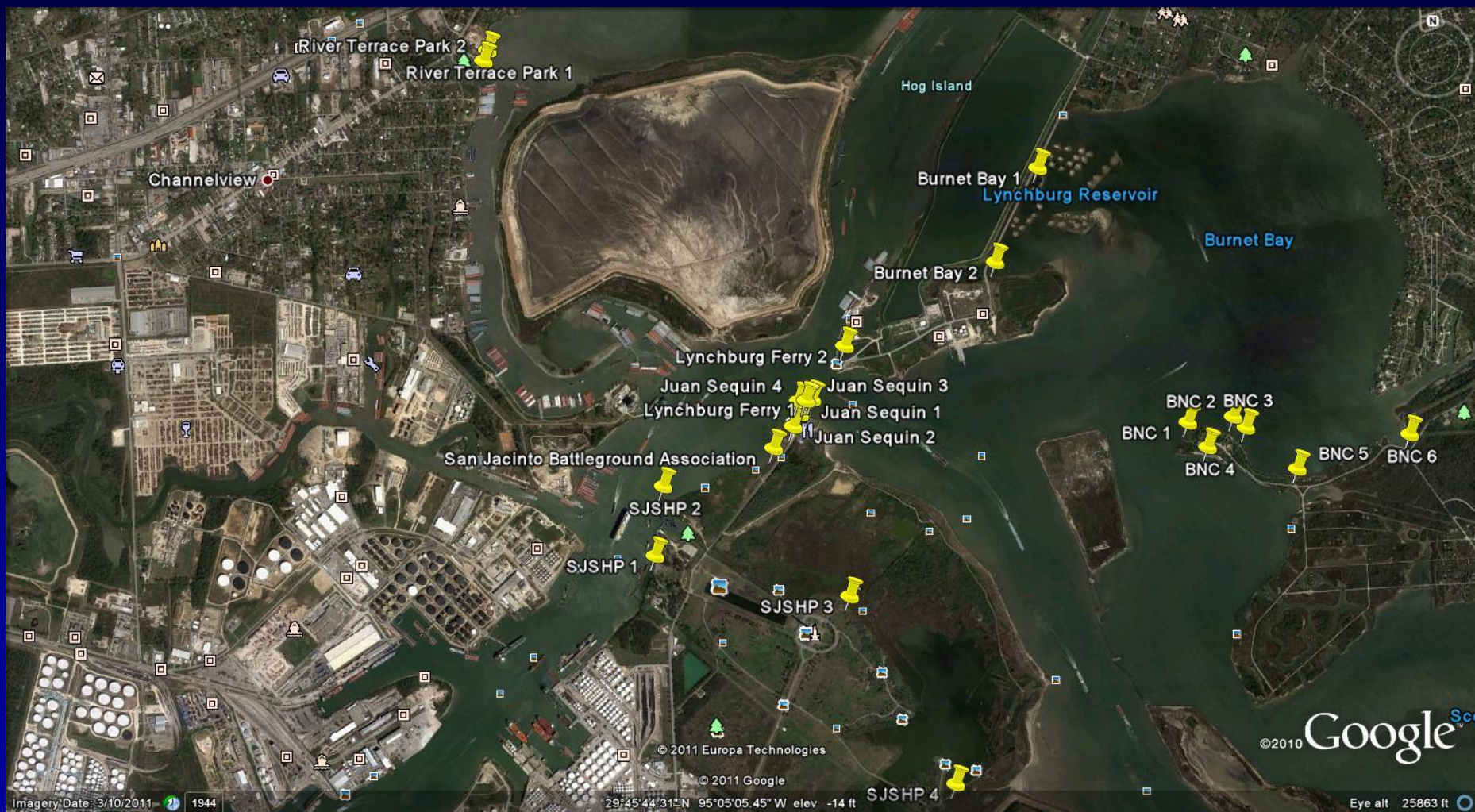
Sign Locations – Overview



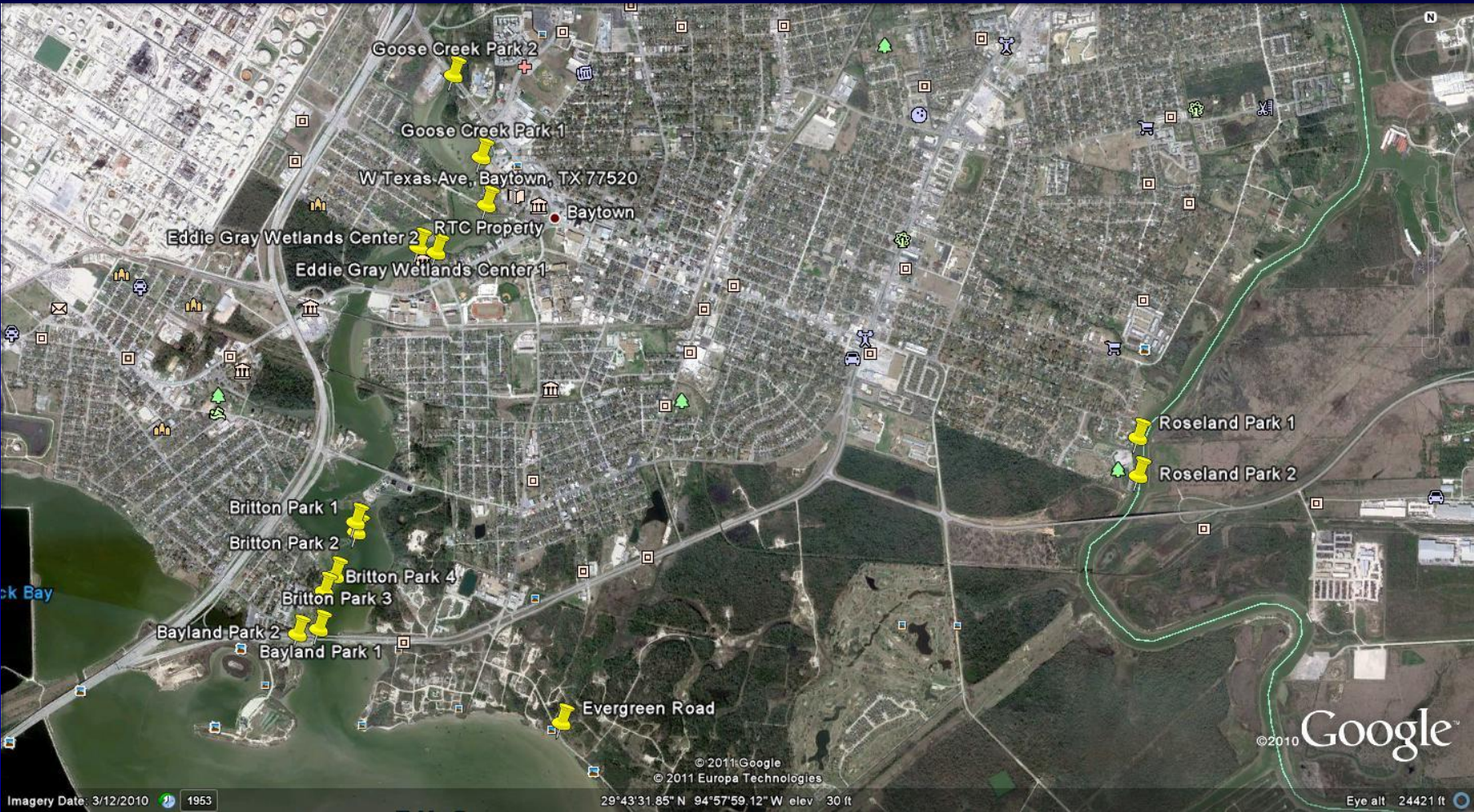
Sign Locations – At and north of SJRWP



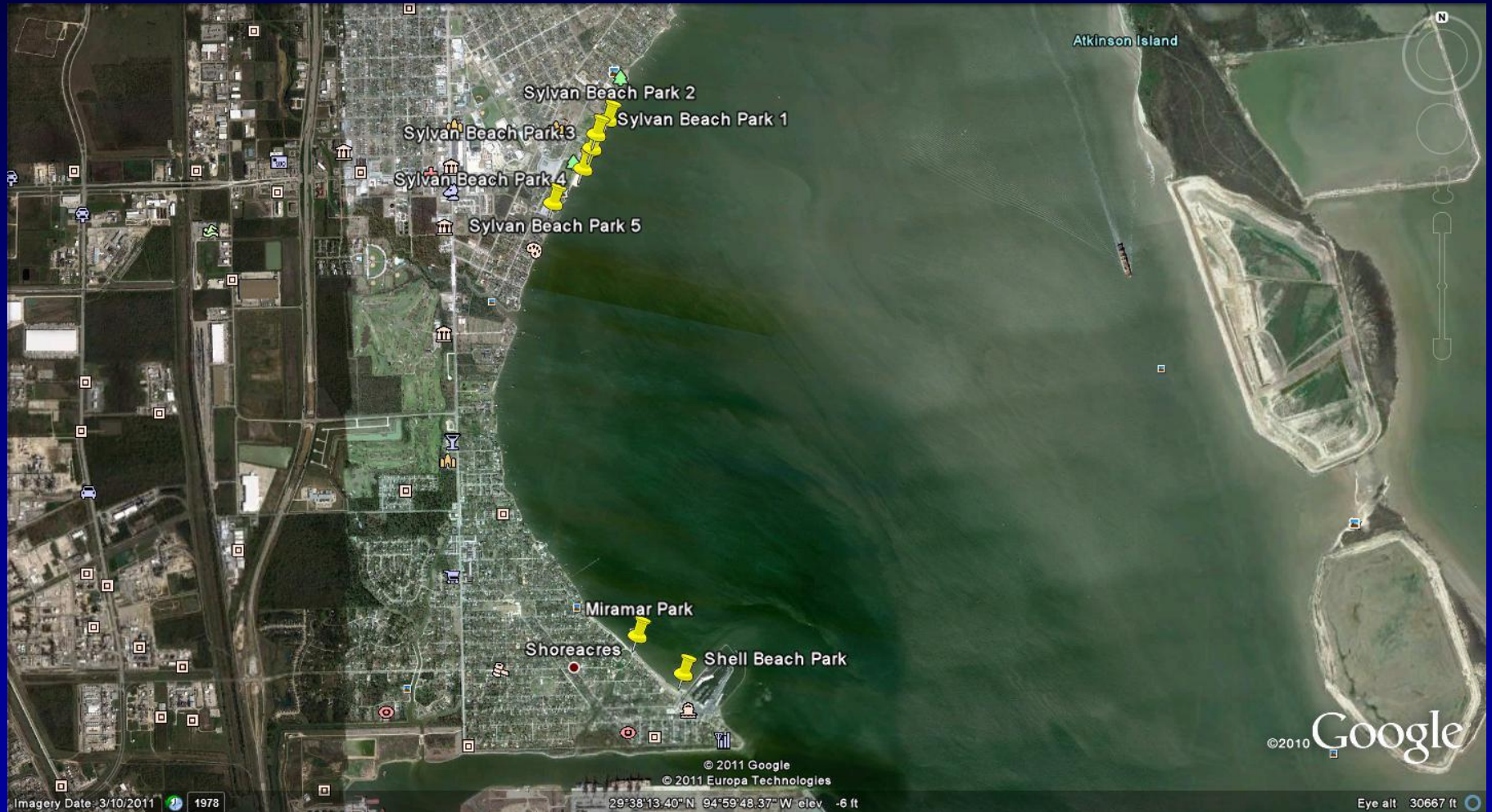
Sign Locations – South of SJRWP



Sign Locations – Baytown



Sign Locations – Upper Galveston Bay



Acknowledgements



Texas Coastal Management Program

National Oceanic and Atmospheric Administration

McGinnis Industrial Maintenance Corporation

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City of Shoreacres

Harris County Precinct 2

San Jacinto Battleground Association

Texas Parks & Wildlife Department – San Jacinto Battleground State Historic Site

